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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	
SUBMITTED BY: Zachary McAvoy	CHECKED BY: ZSM
APPROVED BY: NAE Survey	ISSUE DATE: 8/24/2021
SIZE: A3SID	MAP DOCUMENT: ME_42_DAM_20210915_CS_046

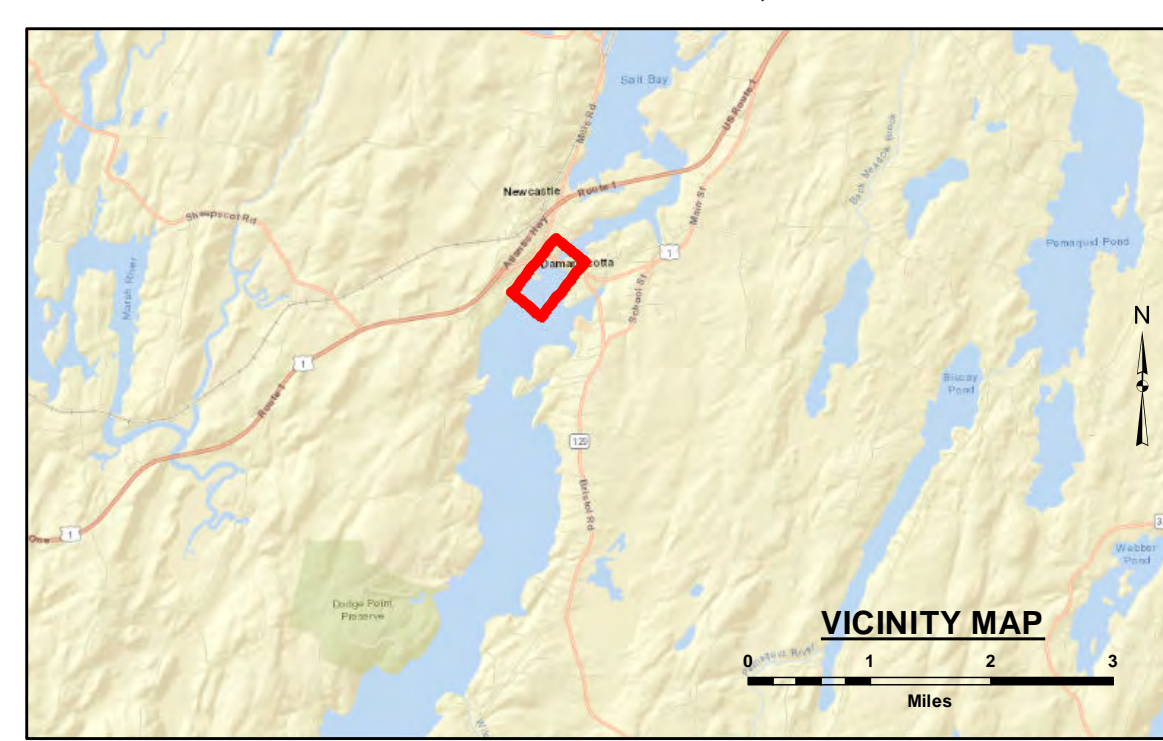
**DAMARISCOTTA RIVER  
NEWCASTLE AND DAMARISCOTTA, MAINE  
CONDITION SURVEY**

**9-FOOT CHANNEL**

File Name: ME\_42\_DAM\_20210915\_CS\_046

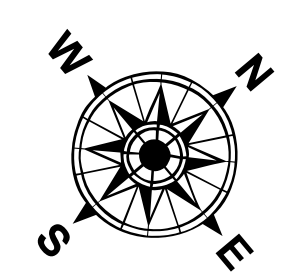
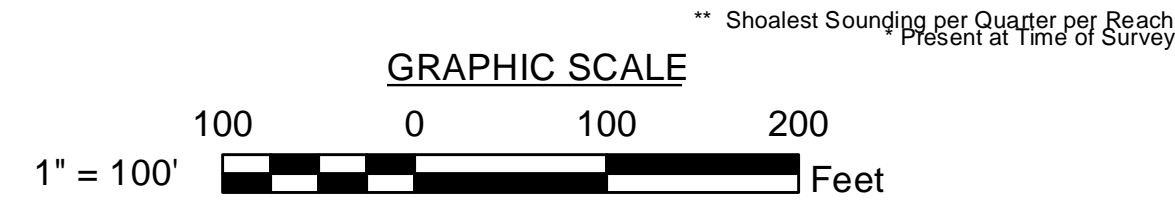
**SHEET IDENTIFICATION**  
Damariscotta River

Sheet 1 of 1



**LEGEND**

--- Federal Navigation Channel	✱ Fixed Navigation Aids
— Channel Center Line	● Red Navigation Buoy
..... Cable or Pipeline Area	● Green Navigation Buoy
— Contour Line	■ Shoaling Area
— Marine Infrastructure*	● Shoalest Sounding**



**Notes:**  
Horizontal Datum: Maine West, ME-1802 NAD 83  
Distance Units: U.S. Survey Feet  
Vertical Datum: MLLW  
Depth Units: U.S. Survey Feet  
Vessel Name: KEEGAN  
Sonar System: Reson T50 (Multibeam Sonar)  
Sounding Frequency: 200 kHz  
Survey Method: RTK GPS Tides  
GPS System: Trimble SPS 855 (RTK)  
RTK Base Station: MTS Smartnet Imax  
Software Used: Hypack  
Sounding Sort Distance: 20'  
Field Books: R&H 1497  
Survey No.: ME\_42\_DAM\_20210915\_CS\_046  
Reference NOAA Chart No.: 13293

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

**General Notes**  
The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during September 2021. The sounding information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the conditions existing at that time. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthorectification is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

**Project Remarks**  
None

**Water Level Information**  
Tides were recorded using RTK GPS. The MLLW to NAVD88 corrections for this project is 5.87 feet. This correction is referenced from NOAA's V-Datum Model Version 3.9, ME/NH/MA Region Version 1.3, in the vicinity of Damariscotta River, Newcastle and Damariscotta, Maine. NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.